

# Vipin Yadav

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LinkedIn: [linkedin.com/in/vipin-yadav-623747241](https://linkedin.com/in/vipin-yadav-623747241) | Location: Mumbai, India

## PROFESSIONAL SUMMARY

Entry-level Software Engineer with hands-on experience in **Python**, **Django**, and Web Development. Skilled in building **RESTful APIs**, implementing **authentication and authorization**, and performing **CRUD operations** with **SQL-based databases**. Proficient in HTML, CSS, JavaScript, Bootstrap, Git and GitHub. Strong problem-solving skills with a passion for building scalable web applications.

## TECHNICAL SKILLS

**Programming Languages:** Python, JavaScript, C# (Basic)

**Frameworks & Libraries:** Django, Django REST Framework (DRF), Bootstrap

**Databases:** MySQL, SQLite

**Web Technologies:** HTML5, CSS3

**Tools & Version Control:** Git, GitHub, VS Code

## PROJECTS

### Shoppinglyx – E-commerce Website

Sep 2024 – Oct 2024

Tech Stack: Django, SQLite3, Bootstrap, RESTful APIs

GitHub Link: [github.com/Vipin04345/shoppinglyx-django-ecommerce](https://github.com/Vipin04345/shoppinglyx-django-ecommerce)

Live Demo: [vipinyadav.pythonanywhere.com](https://vipinyadav.pythonanywhere.com)

- Designed and developed a **full-stack e-commerce web application** having a responsive UI and secure backend architecture.
- Implemented **shopping cart, order management, CRUD operations and checkout workflow**.
- Integrated **PayPal Payment Gateway** using sandbox credentials, and webhook-based payment verification.
- Designed **authentication, session management**, and role-based access control for secure user access.
- Applied **security measures** including **CSRF protection**, input validation, and secure session handling.

### Student Study Portal

Nov 2024 – Jan 2025

Tech Stack: Django, MySQL, Bootstrap, RESTful APIs

GitHub Link: [github.com/Vipin04345/Student-study-portal-django](https://github.com/Vipin04345/Student-study-portal-django)

Live Demo: [student-study-portal-django.onrender.com](https://student-study-portal-django.onrender.com)

- Developed a student study portal using built-in **authentication system** for secure **user login, logout & session management**.
- Implemented a todo management module with **CRUD operations** to help users organize daily study tasks.
- Integrated third-party APIs such as **YouTubeSearch, Dictionary, Wikipedia, and conversion APIs** with proper **error handling**.
- Designed and optimized a responsive front-end using **HTML, CSS & Bootstrap 5** for clean and user-friendly UI.

## EDUCATION

### Bachelor of Technology in Computer Science and Engineering

2021 – 2025

R. R. Group of Institutions, Lucknow, Uttar Pradesh

CGPA: 7.6 / 10

### Higher Secondary Education (Science) [12<sup>th</sup>]

2020 – 2021

M. C. S. S. Inter College, UP Board

Percentage: 66%

### Secondary School Education [10<sup>th</sup>]

2018 – 2019

M. C. S. S. Inter College, UP Board

Percentage: 75%

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## EXPERIENCE

<b>Project Engineer (Academic Projects)</b>	<b>Aug 2023 – May 2024</b>
<ul style="list-style-type: none"><li>- Designed and developed full-stack web applications using Python, Django, JavaScript, HTML, CSS, Bootstrap.</li><li>- Built backend functionality including user authentication, authorization, CRUD operations, and database integration.</li><li>- Designed and consumed RESTful APIs using Django REST Framework for seamless front-end and back-end communication.</li><li>- Collaborated in 3+ group projects, taking lead on back-end development and database design.</li><li>- Followed Agile development practices, working in sprint-based development cycles with task planning and reviews.</li><li>- Used Git and GitHub for version control, code collaboration, issue tracking and project management.</li><li>- Participated in code reviews, debugging, and performance optimization to improve application stability.</li><li>- Implemented security best practices including input validation, CSRF protection, and session management.</li></ul>	

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## CERTIFICATIONS

<b>Python Programming Certification:</b> Skylab Engineers and Instruments	Dec 2024
<b>Django Web Development Certification:</b> Skylab Engineers and Instruments	Mar 2025
<b>HTML5 and CSS3 Certification:</b> KG Coding	Nov 2023

